

A New Glaze Composition for Ceramic Pipes, by  
I. A. Fain, 3 pp.

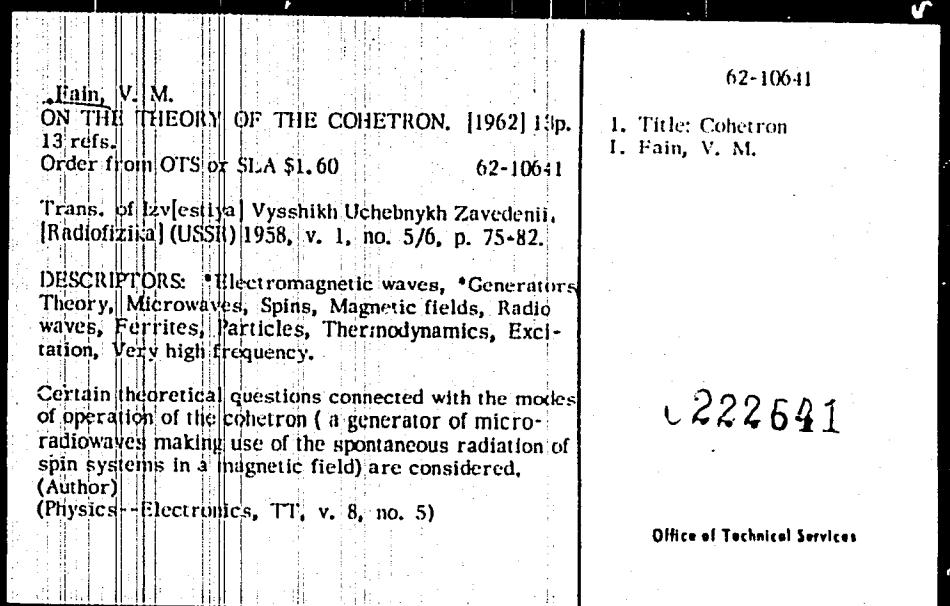
RUSSIAN, per, Steklo i Keramika, Vol XV, No 5,  
1958, pp 36, 37.

CB

Sci

Oct 60

129,243



The Condition for Self-Excitation of a Laser,  
by M. V. Fain, Ya. I. Khanin, 3 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XLI,  
No 5, 1961, pp 1498-1502.

AIP  
Sov Phys - JETP  
Vol XIV, No 5

206,572

Sci  
Aug 62

Saturation Effect in a System with Three Energy Levels,  
by M. V. Fain, 4 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXIII,  
No 5 (11), 1957, pp 1290-1294.

Amer Inst of Phys  
Sov Phys-JETP  
Vol VI(33), No 5

Sci - Phys

Jul 58

68,253

Machine for Glazing Ceramic Sewer Pipes, by N. A.  
Pain, 4 pp.

RUSSIAN, no per, Steklo i Keramika, Vol XIII, No 4,  
Apr 1956, pp 25, 26.

Consultants Bureau

Scientific - Engineering

Feb 57 CTS

43,117

On the Equations of the Oscillations of the Molecular Generator, by V. M. Pain, 3 pp.

RUSSIAN, per Zhar Eksper i Teoret Fiz, Vol XXXIII,  
No 4 (10), 1957, pp. 945-947

Amer Inst of Phys  
Sov Phys-JETP  
Vol VI (33) No 4

Sci - Phys

Jun 58

65, 683

The Velocity Distribution of Electrons in the  
Presence of a Varying Electric Field and a  
Constant Magnetic Field, by V. M. Fain.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXVIII,  
No 4, 1955, pp 422-430.

CCT-1312B

CCT-1312 TM

Sci - Electricity

Dec 59

102,995

[REDACTED]

Quantum Phenomena in the Radio-Frequency Range,  
by V. M. Fain, 36 pp.

RUSSIAN, per, Uspekhi Fiz Nauk, Vol LXIV, No 2,  
1958, pp273-313.

AEC-tr-5331  
PL-480

Sci  
June 64

261, [REDACTED] 725

Induced and Spontaneous Emission, by V. M. Inaya, 74pp

RUSSIAN, 1962, In: Vysshikh Ucheb Zaved Radiofiz, Vol VI,  
No 2, 1963, pp 207-241.

JRAS 21869

243, 113

Sci.  
Nov 63

Principle of Entropy Increase and Quantum Theory of  
Relocation, by M V. M Fain, 28 pp.

UBESTNIK, per, Uspekhi Nauk, Vol XXIX, No 3, 4,  
pp 681-690.

Amer Inst of Phys  
Sov Phys - Uspekhi  
Vol VI, No 2

Sci-Phys  
Nov 63

243, 189

On the Spectral Line Width of Three-Level  
Quantum Generator, by A. N. Malakhov,  
V. M. Tain.

RUSSIAN, per, Iz Vyschikh Ucheb Zaved  
Radiofizika, Vol I, No 5/6, 1958,  
pp 66-74.

Navy Tr 3551/APL 309

Sci - Phys  
Sep 63

344,164

(NY-4341)

On the Interaction Between a Two-Level System and  
the Radiation Field in Free Space and In Cavities,  
by V. M. Rain, 24 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, MVO SSSR,  
Ser Radiofiz, Vol II, No 2, 1959, pp 167-180.

JPRS 5153

Sci

Aug 60

124,155

Quantum Theory of Relaxation Process, by V. M. Fain,  
6 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XLII,  
No 4, 1962, pp 1075-1083.

X AIP  
Sov Phys - JETP  
Vol XV, No 4

214,935

Sci

Sep 62

[REDACTED]

On the Possible Anomalous Magnetic Properties  
of Macromolecules, by V. L. Ginzburg, V. M. Fain,

RUSSIAN, per, Dok Ak Nauk, Vol XXXI, No 4, 1960,  
pp 785-788.

Internat'l Phys Index  
Phys Express  
Vol II, No 10

Sci - Phys

Aug 60

124, 546

Radiation Emitted by Molecules in the Presence of a  
Strong High-Frequency Field, by V. M. Fain, 8 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz, Vol XXXII,  
No 2 (8), 1957, pp 416-424.

Amer Inst of Phys  
Sov Phys-JETP  
Vol VI (33), No 2

Sci - Phys

May 58

64, 243

The Theory of Nonlinear Effects in the Ionosphere,  
by S. A. Zhevakin, V. M. Fain, 9 pp.

RUSSIAN, no per, Zhar Eksper i Teoret Fiz, Vol XXX,  
No 3, 1956, pp 518-527.

Amer Inst of Physics  
Soviet Physics, JETP  
Vol III, No 3

Sci - Physics  
Apr 57 CTS

46, 603

On the Magnetic Properties of Paramagnetic 'Fluids'  
of the Molecular Chain Type, by V. L. Ginzburg,  
V. M. Pail, 6 pp

RUSSIAN, per, Zhur-Magaz 1 Teoret Fiz, Vol XLII,  
No 1, 1962, pp 183-190.

AIP -  
Sov Phys-JETP  
Vol XV, No 1

214,689

Sci  
Jul 62

The Velocity Distribution of Electrons in the  
Presence of a Varying Electric Field and a Con-  
stant Magnetic Field, by V. M. Fain, 7 pp.

RUSSIAN, bimo per, Zhur Eksper i Teoret Fiz,  
Vol XXVIII, April 1955, pp 422-430. CIA C 40846

REC TR-2617  
American Inst of Physics  
57 East 55 St.  
New York 22, N. Y.

Scientific - Physics

31,638

A Discussion of the Question of Quantum Effects in  
Resonators under the Inter-Action of Electrons with  
High Frequency Fields, by V. L. Ginzburg and V. M.  
Fain, 15 pp.

RUSSIAN, per, Radiotekh i Elektron, Vol. II, No 6,  
1957, pp 780-789.

Pergamon Inst

Sci - Electronics  
Nov 58

76,178

Fain, V. M.	62-14846
QUANTUM PHENOMENA IN THE RADIO FREQUENCY RANGE. [1952] 65p. 77 refs.	I. Fain, V. M.
Order from CTS or SLA \$6.60	62-14846
Trans. of Uspekhi fizicheskikh Nauk (USSR) 1958, v. 64, no. 2, p. 273-313.	
DESCRIPTORS: *Quantum mechanics, *Radiofrequency, *Microwave spectroscopy, *Molecular spectroscopy, Electrons, Motion, Electromagnetic fields, Electromagnetic waves, Electronics, Radio waves, Molecules.	
Consideration is given to the question of quantum effects when free electrons interact with high frequency fields. Essentially, quantum effects in this case are negligible. However in principle it is possible to measure certain of these effects. Also certain quantum effects, generally speaking, are not negligible.	
Physics, TI, v. 8, no. 7	(over)

Office of Technical Services

LOSSLESS AND LOSSY FEATURES OF THE MAGNETIC PROPERTIES OF MACROMOLECULES, BY V. L. GINZBURG, V. M. FAIN, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 64(4), No 4, 1960  
pp 785-786.

AIP  
Sov Phys - Doklady  
Vol V, No 2

501  
Nov 60

132,770

Design Principles of a Machine for Pattern  
Recognition, by V. S. Fain,

RUSSIAN, per, Radiotekh, Vol 5V, No 3, 1960,  
pp 13-17.

JPRS DC-3901/34 (a)

Sci - Electronics  
Dec 60

134, 373

The principles of the construction of a  
a machine for pattern recognition, by V.  
S. V. S. [unclear] pp.

Russ. J. Phys., Radiotekh., Vol IV, No 3, 1950,

pp. 13-17

PP  
#JPRS

132, 984

Sci

Nov 60

Investigation of Glasses in the System  
SiO<sub>2</sub>--Al<sub>2</sub>O<sub>3</sub>--B<sub>2</sub>O<sub>3</sub>--BaO, by I. I.  
Kitaigorodskiy, T. N. Keshishyan, E. A.  
Fainberg, 5 pp.

RUSSIAN, per, Steklo i Keramika, Vol XV,  
No 3, 1960, pp 1-5.

CB

Sci  
Oct 60

130,503

Calculation of the Consumption of Injected Steam  
During the Distillation of Glycerine, by E. E.

Painberg. *Masloboris-Zhivotaya*

RUSSIAN, per, ~~ibid~~, Vol XXII, No 6, 1956, p 18.

ADS 78M2PR  
RJ-1527

Sci  
May 59

87,257

Investigation of the Structure of Polyamide  
Fibers. I. Sorption of Water by Capron Fiber,  
by N. V. Mikhailov, E. Z. Fainberg, S. M.  
Skuratov, 5 pp.

RUSSIAN, bimo per, Kolloid Zhur, Vol XV, No 4,  
1953, pp 271-276.

Consultants Bureau  
Scientific - Chemistry CTS/DEX

17,574

Investigation of the Structure of Synthetic Polyamide Fibers. 7. Differential Heat of Solution of Capron Fibers in Formic Acid, by N. V. Mikhailov, E. Z. Rainberg, 6 pp.

K

RUSSIAN, bimo per, Polloid Zhur, Vol XVIII, No 2,  
Mar/Apr 1956, pp 208-214. CIA 9001313 C, Reel No 55

Consultants Bureau

Sci - Chemistry

40, 981

Investigation of the Structure of Synthetic Polyamides  
Fibers. III. Differential Heats of Sorption of  
Water by Capron Fiber, by N. V. Mikhaylov, E. Z.  
Painberg, 5 pp.

RUSSIAN, bimo per, Kolloid Zhur, Vol XVI, No 2, USSR,  
Mar/Apr 1954, pp 120-125. EX CIA D 167133

Consultants Bureau

USSR

Scientific - Chemistry

21,147

CIA 65/Pub, 1955

Investigation of the Structure of Synthetic Polycaprolactam Fibers, & Heats of Solution of the Crystalline and Amorphous Modifications of Polycaprolactam,  
by N. V. Mikhailov, E. Z. Fainberg, 6 pp.

Full tr

RUSSIAN, bimo per, Kolloid Zhur, Vol XVIII, No 3,  
1956, pp 315- 320.

Consultants Bureau

42,246

Sci - Chemistry  
Jan 57 CIS

Investigation of the Structure of Some Synthetic Polyamide Fibers. 6. Integral Heat of Solution of Capron Fiber in Formic Acid, by N. V. Mikhailov, E. Z. Rainberg, 6 pp.

Full tr

RUSSIAN, bimo per, Kolloid Zhur, Vol XVIII, No 1, 1956, pp 44-48. CIA 9000405

Consultants Bureau

38,686

Sci - Chemistry  
Sep 56 CPS

Investigation of the Structure of Synthetic Polyamide Fibers. II. Integral Heats of Wetting of Capron Fiber by Water, by S. M. Skuratov, N. V. Mikhailov, E. Z. Fainberg, 6 pp.

RUSSIAN, bimo per, Kolloid Zhur, Vol XVI, No 1, 1954,  
pp 65-72. 57-64.

Consultants Bureau

Scientific - Chemistry

Dec 1954 CBS  
19,766

Thermomechanical Criteria of Plasticized  
Drapery, by E. Z. Fainberg, N. V. Mikhailov.  
RUSSIAN, par, Vyssokomoloschikurnye Soedineniya,  
Vol. 3, No. 8, 1961, pp 1234-1237.  
SIL A TT-66-10657.

6p

E. Z. Fainberg

306,109

Sci-MEM  
Jul 66

A Study of the Molecular Structure of  
Synthetic Fibers. XIII. Polyenathamide, by  
E. Z. Fainberg,

RUSSIAN, per, Vysokomol Soedineniya, Vol I,  
No 1, 1959, pp 17-20.

ATS RJ-2117

Sci - Chem

May 60

115 404

The Semiphenomenological Theory of  $\pi$ -Meson-Nucleon Interactions. I.  $\pi^+$ -Meson Scattering by Nucleons, by I. E. Tamm, Yu. A. Gol'fand, V. Ya. Fainberg

RUSSIAN, bimo per, Zhur Eksp i Teoret Fiz, Vol XIX, 1954, pp 649-667.

AEC Tr 2371

Scientific - Nuclear Physics  
Feb 56 CIS/dex

31139

On the Structure of the Photon Green's Function,  
by D. I. Kirzhnits, V. Ya. Fainberg, E. S.  
Fradkin, 3 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXVIII,  
No 1, 1960, pp 239-242.

Amer Inst of Phys  
Sov Phys - JETP  
Vol XI, No 1

Sci ..  
Aug 60

122, 134

Method of Terminated Field Equations and its  
Applications to Scattering of Mesons by Nucleons,  
by V. P. Silin, I. A. Tamm, V. Ya. Fainberg, 11 pp.

RUSSIAN, bimo per, Zhur Eksp i Teoret Fiz,  
Vol XXIX, Jul 1955, pp 6-19. CIA C 41569

American Inst of Physic

Scientific - Physics  
May 56 CIS/dex

33.532

Application of Dispersion Relation Techniques to a  
Study of the Simplest Green's Functions in  
Mesodynamics, by V. V. Malakhov, E. P.  
Rashevskaya, V. Ya, Fainberg, 8 pp.

RUSSIAN, per, Zhur Eksp i Teor Fiz,  
Vol XXXVIII, No 6, 1960, pp 1803-1813.

AIP  
Sov Phys-JETP  
Vol XI, No 6

141,341

Sci

Mar 61

Etude du Rayonnement Electromagnetique du Plasma  
dans une Decharge Rectiligne à Fort Courant, by  
V. A. Suprunenko, I. B. Fainberg, et al., 92 pp.

RUSSIAN to FRENCH, per, Atom Energ, Vol XIV, No 4,  
1963, 9214310

CEA  
Reverse Translation

Sci  
Nov 63

Interactions Between Beams of Charged Particles of  
a Plasma, by Ya. Fainberg.

RUSSIAN, 1962.

\*AEC

Sci

12 De 62

Coherent Interaction of "Run-Away Electrons" in a Pinch (Column), by V. A. Suprunenko, Ya. B. Fainberg, et al., 13 pp.

RUSSIAN, rpt, Proceedings of the Third Conference on Plasma Physics and on Problems of Controlled Thermonuclear Reactions, 1962.

AEC-MATT-Tr-4

Sci - Nucl Sci

Jul 6<sup>th</sup> 3

238,237

On the Reflection of an Electromagnetic Wave  
From the Plasma Moving Through a Dielectric  
in a Constant Magnetic Field, by Ya. B. Fainberg,  
V. S. Tkalich, 6 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXIX, No 4,  
1959, pp 491-496.

AIP  
Sov Phys-Tech Phys  
Vol IV, No 4

Nov 59

100,864

Investigation of Interaction of an Electron  
Beam With a Plasma, by I. F. Kharchenko, Ya. B.  
Fainberg, R. M. Nikolayev, E. A. Kornilov, E. I.  
Lutsenko, N. S. Pedenko, 15 pp.

RUSSIAN, bk, Issledovanie Vzaimodeistriya  
Electronnogo Puchka s s Plasmoi, 1959.

ABC Tr-4181

Sci. - Phys  
19 Oct 60

129,843

Electromagnetic Pressure on a Charge Moving  
in a Magnetic Field, Ya. B. Fainberg and  
V. I. Kurillo, 6 pp.

RUSSIAN, Zhur Tekh Fiz, Vol XXIV, No 8, 1959,  
pp 939-945.

Amer Inst of Phys  
Sov Phys-Tech Phys  
Vol IV, No 8

108, 957

Sci

Pub 60

The Propagation of Oscillations in Electron Beams  
With Uncompensated Space Charge, by B. N. Rutkovich,  
Ya. S. Rainberg, 8 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXIX, No 3, 1959,  
pp 280-286.

AIP  
Vol IV, No 3

Sci Phys  
Oct 59

109,118

Investigation of Interaction of an Electron  
Beam With a Plasma, by I. F. Kharchenko,  
Ya. B. Painberg, R. M. Nikolayev, E. A. Kornilov,  
E. I. Lutsevko, N. S. Pedenko, 19 pp.

RUSSIAN, bk, Issledovanie Vzaimodeistriya  
Electronnogo Puchka s Plasmoi, 1959. 9072277

AEC Tr.4181

Sci - Phys  
24 Feb 61

141,044

Instabilities in the Interaction of Charged-Particle  
Beams with Plasmas, by Ya. B. Fainberg, V. I. Kurilko,  
V. D. Shapiro, 5 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXXI, No 6, 1961,  
pp. 633-639.

AIP  
Sov Phys-Tekh Phys  
Vol VI, No 6

Scd

Mar 62

192,579

Nonlinear Theory for Slow Waves in a Plasma, by Ya.B.  
Fainberg, 6 pp.

RUSSIAN, per, Atom Energ, Vol VI, No 4, 1959,  
pp 447-452.

CB  
#ATIC

135,082

Sci  
Jan 61

Certain Problems Concerning Acceleration of  
Particles in a Plasma, by Ya. E. Fainberg, 21 pp.

RUSSIAN, bk, Nekotoryye Voprosy Uskoreniya Chastits  
v Plazme, 1960.

AEC Tr-4732

Sci - Phys  
Feb 62

182, 514

Acceleration of Particles in a Plasma, by Ya.B.  
Fainberg, 14 pp.

RUSSIAN, per, Atom Energ, Vol VI, No 4, 1959,  
pp 431-446.

CB  
#ATIC

135,081

Sci  
Jan 61

Interaction of an Electron Beam with a Plasma,  
by I.F. Kharchenko, Ya.B. Fainberg, R.M.  
Nikolaev, E.A. Kornilov, E.A. Lutsenko,  
N.S. Pejchenko, 6 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol  
XXXVIII, No 3, 1960, pp 685-692.

AIP  
Sov Phys - JETP  
Vol XI, No 3

Sci  
Nov 60

132,901

Energy Loss of a Charged Particle Passing Through  
a Laminar Dielectric, I, by Ya. B. Fainberg, N. A.  
Khishnitsk, 10 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz,  
Vol XXXII, No 11, Mar 1957, pp 883-895.

Amer Inst of Phys  
Sov Phys-JETP  
Vol V, No 4

Sci - Physics  
Jan 58

58,091

Artificial Anisotropic Media, by Ya. B. Painberg,  
N. A. Khizhniak, 10 pp.

RUSSIAN, no par, Zhur Tekh Fiz, Vol XXV, No 4,  
1955, pp 711-719.

CIA/FDD X-2509

Sci - Physics  
Aug 57

50, 871

On the Interaction of a Beam of Charged  
Particles with an Electron Plasma, by  
A. I. Akheizer and Ya. B. Painberg, 3 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol LXIX,  
No 4, 1949, pp 555, 556.

SLA R-1912

S4.1

JUL 59

68,337

Charge-Density Waves in Variable-Speed Electron  
Beams, by P. V. Bl'okh, Ya. B. Fainberg, 7 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVI, No 3, Mar  
1956, pp 530-535.

Amer Inst of Phys  
Soviet Phys-Tech Phys  
Vol I, No 3

Sci - Physics  
Aug 57

51 793

Electromagnetic Waves in a Plasma Situated in a  
Magnetic Field, by Ya. B. Fairnberg, N. P.  
Gordatenko, 6 pp.

ELECTRICAL PHYS., Zhur. Fiz., Vol. XXV, No. 5,  
1959, pp. 549-562.

Amer Inst of Phys.  
Sov Phys - Czech Phys  
Vol IV, No 5

Sci.

Dec 59

103.665

Variable-Phase Focusing in Linear  
Accelerators, by Ya. B. Pinesberg, 11 pp.

REF ID: A65959  
5, 1959, p. 568-579.

Amer Inst of Phys  
Sov Phys - Tech Phys  
Vol IV, No 5

AM

Dec 59

103,667

Calculating the Critical Speeds of Centrifuges  
Mounted on Dampers, by I. A. Fainerman, 3 pp.

RUSSIAN, per, Vest Mashinostroy, Vol XLIII, No 3,  
1962, pp 39-40.

PERA

Sci

Nov 62

216,457

The Problem of the Variation in the Capacitance  
of a File of Capacitor Paper When It is Com-  
pressed, by I. D. Fainerman, L. M. Vaisman,  
5 pp.

RUSSIAN, no per, Zhur Tekh Fiz, Vol XXVI, No 11,  
Nov 1956, pp 2493-2497.

Amer Inst of Phys  
Sov Phys, Tech Phys  
Vol I, No 11

55,188

Sci - Physics  
Nov 57

The Scale of a Measuring Instrument and Its Characteristics, by I. D. Feinerman, 4 pp.

RUSSIAN, year, Priborostroyenie, No 3, 1960,  
pp 6-8.

Taylor & Francis

Sci  
Feb 61

139,582

The Determination of Chloride and Thiocyanate in Coal Tar, by S. G. Palmeolid.  
A. S. Popova.

RUSSIAN, per, Koks i Khim, 1957, pp  
47, 48.

Consultants Customs Tr

48T-523B 48T-523C  
\$10.50

Sci - Chem

Mar 59

J. B. A. 11

Raising the Quality of Ammonium Sulphate, by  
A. A. Filippov, S. G. Faingold, 2 pp.

RUSSIAN, par, Noks i Khim, No 3, 1961, pp 42, 43.

CERA

Sci

Sep 61

169, #00

Dial Scales Characteristics, by M. I. Faingol'd,  
3 pp.

RUSSIAN, per, Izmeritel Tekh, Vol XXIV, No 1,  
1962, pp 15-16.

CB

Sci

Oct 62

214,398

Certain Principles and Methods of Treatment of  
Bacterial Dysentery, by I. V. Seppi, Ya. I. Fainigol'd,  
N. S. Chebanenko, N M. N. Bulavskaya, 7 pp.

RUSSIAN, no per, Zhur Microbiol, Epidemiol i  
Immunobiol, Vol XVII, No 4, 1957, pp 118-125.

Pergamon Press

Sci - Medicine  
Jan 58

57, 271

Tosylation of Hydroxymethylcellulose and Mixed  
Ethers Containing Hydroxyethyl Groups, by S. N.  
Ushakov, O. M. Klimova, E. I. Paingor, 6 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXVII, No 1,  
 USSR, Jan 1954, pp 71-76. CIA C 36893

Consultants Bureau

Scientific - Chemistry CTS 66/Mar 55

21,667

Rainshtein, A.S.

ELIMINACION DE LOS LODOS DE CARBURO DE  
LOS POZOS DE SEDIMENTACION EN LAS FABRI-  
CAS DE ACETILENO (Udalenie Karbidnogo Ila Iz  
Otstoinykh Yam Atsetilenivkh Stantsii) (Disposal  
of Carbide Muds in Acetylene Manufacturing Plant  
Sump Basins). 6p. CID:63-385.

Order from OTS, ETC or CID \$1.10 TT-63-26785

Trans. in Spanish of Energetik (USSR) 1956, v.4,  
no. 10, p.22-23.

DESCRIPTORS: \*Acetylenes, Industrial production,  
\*Carbides, \*Wastes (Industrial).

(Engineering--Sanitation, TT, v. 11, no. 11)

TT-63-26785

- I. Rainshtein, A.S.
- II. CID 63-385
- III. Centro de Información  
y Documentación,  
Madrid

Office of Technical Services  
European Translations Centre

An Improvement in the Technology of the Production of  
Dicycline (Chlorotetracycline) Hydrochloride, by E. B.  
Zainalzhan, A. M. Zisserman,

RUSSIAN, JUR, Med Prom SSSR, No 4, 1958, p 36.

ATB NY-2253

Sci - Med.

May 69

115,487

Influence of Tensile Stressing in the Dielectric  
Losses and the Polarization of Crystalline  
Polymers, by G. P. Mikhalev, B. M. Fainshtein

RUSSIAN, Zhur Tekh Fiz, 1952, Vol XXII, No 5,  
pp 759-764.

D.S.I.R. Tr No CTS 7

Scientific - Physics

List No 49, Apr 1953

1069

Approaching the Design Functions for the  $x \approx$  a) Linear Dynamic Systems with Constant Parameters, by M. A. Dubovyl,  
R. G. Kostomarov, & M. A. Dubovyl,  
pp 308-319, Advances in Telecomm., Vol XXIV, No 8, 1963.

SEA

SAC  
Feb 64

200,641

Classification of the Aplastic and Hypoplastic Anemias, by P. E. Painshteyn, 15 pp.

RUSSIAN, per, Problemy Gematologii i Perelivaniya Krovi, Vol IV, No 7, 1959, pp 3-14.

Pergamon Press

Sci

Apr 60

112, 481

Anti-leucocyte Antibodies in Hypoplastic Anaemia  
and Chronic Radiation sickness, by A. A.  
Bagdasarov, K. M. Dvolaitskaya-Darysheva, F. I.  
Bolotnikova, N. P. Bogolyubchenko, ex F. E.  
Painshtein, 6 pp.

RUSSIAN, per, Problemy Gemmatologii: Panel Krovi,  
Vol III, No 4, 1958 pp 10-15.

Pergamon Press

Sci - Med

Sept 59

96,757

The Use of Splenectomy in Hemolytic Anemias, by  
F. E. Fainshtein, R. I. Murasian, 8 pp.

RUSSIAN, per, Problemy Gematologii i Pere-livaniya  
Krovi, Vol. V, No. 1, 1960, pp 46-52.

Pergamon Press

Sci  
Aug 60

126,790

The Immunological Activity of Patients Suffering  
From Certain Forms of Anemia, by N. A. Umova,  
V. E. Feinstein, & I.P.

ZHARAN, psp, Problemy Gematologii i Perelivaniya  
Krovli, Vol VI, No 1, 1961.

PP

Sci.

Jun 62

198,866

Cytochemical Investigations in Leukaemias, by E. I.  
Terent'yeva, A. I. Zosimovskaya, L. I. Kazanova,  
F. E. Fainshtein, 5 pp.

RUSSIAN, per, Problemy Gematologii i Perelivaniya  
Krovi, Vol IV, No 11, 1959, pp 39-49.

Pergamon Press

Sci

Jul 60

120, 603

Immunological Changes in Patients with Hemolytic,  
Aplastic, Hypoplastic Anemias, by M. A. Umnova,  
Yu. I. Lorie, F. E. Fainshtein, 9 pp.

RUSSIAN, per Problemy Gematologii: Pavel Krovi,  
Vol III, No 4, 1958, pp 16-22.

Pergamon Press

Sci - Med

Sept 59

96,758

Cytochemical Investigations of the Hemopoietic cells in Patients with Aplastic and Hypoplastic Anemias, by A. I. Zosimovskaya, L. I. Khzanova, F. S. Painshtein, 6 pp.

RUSSIAN, per, Problemy Gematologiy: Papel Krovi, Vol III, No 5, 1959, pp 25 30.

Pergamon Press

Sci - Med

Sept 59

96, 771

Oxidative Enzymes in the Blood and Bone Marrow Cells  
in Leukemia and Hypoplastic Anemia, by E. I.  
Terent'yeva, L. I. Kazanova, F. S. Fainshtain, 7 pp

RUSSIAN, per, Problemy Gematologii i Pereliv Krov'i,  
Vol V, No 2, 1960, pp 3-8.

PP

Sci

Oct 60

130, 4418

The Relationship Between the Aplastic Anaemias  
and the Leukaemias, by M. S. Dul'tsin, N. S.  
Rozanova, F. E. Fainshtein, 16 pp.

RUSSIAN, per, Problemy Gematologii i Perekrovaniya  
Krovi, Vol V, No 10, 1960, pp 3-16.

PP

Sci

Jun 61

152,913

The Significance of the Vascular Factor  
In The Mechanism Of The Development Of  
Hemorrhage In Aplastic And Hypoplastic  
Anemias, by F. E. Fainshtein, 6 pp.

RUSSIAN, per, Problemy Gennatol I Perel Krovi,  
Vol III, No 2, 1957, pp 30-34

Pergamon Inst

Sci - Med  
Mar 55

84,065

Waste Gumbrin as a Fertilizer for Grapes, by  
R. M. Fainshtein

RUSSIAN, mo per, Vinodelie i Vinogradarstvo SSSR,  
Vol 12, No 6, June 1952, pp 40-41. CIA D 400977

USDA

31,789

JSSR  
Sci - Biology  
Mar 56 CRS/DEX

Bacterial Method in the Control of Oidium Fungicides,  
by R. M. Fainshtein.

Full translation.

RUSSIAN, per, Vinodel i Vinograd SSSR, Vol II, Feb 1952,  
1952, pp 44, 45. 95.8 V77

USDA Tr

SSSR

Jul 53 CTS/DEX

Scientific - Biology

3408

Determination of Gaseous Micro-Impurities in the  
Surface Layers of Germanium, by S. M. Painshtsin,  
V. I. Fistul', 3 pp.

RUSSIAN, no per, Zhur Tekh Fiz, Vol XXVI, No 10,  
pp 2161-2164. Oct 1956,

Amer Inst of Phys  
Sov Phys-Tech Phys  
Vol I, No 10

Sci - Minerals/Metals  
Nov 57

54, 755

The Effect of Ionic Bombardment on the Voltage-  
Current Characteristic of a Silicon Diode With  
Point Contacts, by S. M. Fainshtein, O. S.  
Lysogorov, 4 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVIII, No 3,  
1958, pp 493-497.

Amer Inst of Phys  
Sov Phys - Tech Phys  
Vol III, No 3

Sci - Phys  
Dec 58

67,367

LEVINA, R. YA  
PAINSLBERG, A. A., TATEVSKY, V. M. AND TRESHCHOVA, E. G.

THE ISOMERIZATION OF UNSATURATED HYDROCARBONS WITH  
METALLIC OXIDES AS CONTACT AGENTS XIII. PREPARATION OF  
METHYL PENTADIENES BY DEHYDRATING DIMETHYLALLYLCARBINOL  
ABOVE CHROMIUM OXIDE ON ALUMINA

7 pages

RUSSIAN, Zhur Obshch Khim, Vol XXI, No 2, Feb 1951

Consultants Bureau Translation

A 2342

An Interesting Case of Isomerization Among the  
Saturated Aliphatic Nitro Compounds, by S. S. Novikov,  
A. A. Feinzelberg, S. A. Shevalev, I. S. Korsakova,  
K. K. Bavievskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3,  
1959, pp 589-591.

Sci

Consultants Bureau

119,457

Jun 60

Molecular Absorption Spectra of  $\alpha$ -Halonitroalkanes.  
By, V.I. Slovetskiy, A.A. Fainzil'berg, V.I.  
Gulevskaya, 7pp.

RUSSIAN, per, Iz Nk Nauk SSSR, Otdel Khim Nauk,  
No 4, 1961, pp. 683-689.

CB

200, 688

Sci  
April 62

APRIL 14 1962

The Preparation and Quantitative Determination  
of a-Halogen Substituted Nitrocompounds. By,  
S.S. Novikova, A.A. Fainzil'berg, V.I. Gulevskaya  
pp. 5.

RUSSIAN, per, Iz Nk Nauk SSSR, Otdel. Khim Nauk,  
No 4, 1961, Pp. 672-677.

CB

200, 685-

Sci  
April 62

Acid Character of 1,1-Dinitroalkanes and Their Spectra, by S. S. Novikov, V. M. Belikov, A. A. Feinziil'berg, et al, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 10, 1959, pp 1855-1857.

CB

157,891

Sci

Jun 61

A Problem of Chemical Dynamics, by A. M. Fainzil'ber.

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXII, No 4, USSR,  
1948, pp 457-460.

AEC Tr 1277

Scientific - Chemistry

Jun 52 CIS

DEX

A 2343

AMC F TS-7470

Aug 1951 CTS v

Problems of Thermal Modelling, by A. M. Fainzil'ber,  
6 pp.

RUSSIAN, thrice-no per; Dok Ak Nauk SSSR, Vol LIX  
LIX, 1948, pp 697-700.

Sci Tr Center RT-193

Scientific - Physics

10,129

A Similarity Integral for Vortex and Temperature  
Fields, by A. M. Fainsilber, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 8, 1955,  
pp 225-8.

CCT-1356B

ABC Tr 2567  
AR 161067 (Aberrant)  
GSA 9-3729

40,438

BT 4497

Sci - Physics  
Nov 96 CMS

Synthesis of Hydrocarbons. XVIII. The Hydrobromide and Hydrochloride of 2-Methylpentadiene-1,3 and 4-Methylpentadiene-1,3 in the Synthesis of Hydrocarbons of Isomeric Structure, by R. Ya. Levina, A.A. Fainzilberg, and E.G. Treshchova, 8 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 3, USSR, Mar 1952, pp 430-439.

Consultants Bureau

7518

Dec 53 CTS

Scientific - Chemistry

Quantitative Relation Between the Induction Constant  
of Substituent Radicals and the Physical Chemical  
Properties of Nitro Compounds. by V. I. Slovetskiy.  
A. A. Fainzilberg, 7 pp.

RUSSIAN, per Iz Ak Nauk. Otdel Khim Nauk, No 6  
1962, pp 989-995.

CB

Sci

May 63

233, 725

Synthesis of Hydrocarbons. XX. Synthesis of Alkenes  
and Alkanes Containing a Quaternary Carbon Atom,  
by R. Ye. Levina, T. I. Tantsyrev, and A. A. Fainzil-  
berg, 5 pp.

Full translation

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 4,  
USSR, Apr 1952, pp 563-570. 571-576

Scientific - Chemistry

7543 Consultants Bureau

Dec 53 CTS

Hydrodynamical Similarity Integrals of  
Heterogeneous and Homogeneous Processes, by  
A. M. Paimzilber, 5 pp.

RUSSIAN, thrice-xo per, Dok Ak Nauk SSSR, Vol CXII,  
No 4, Vyp 607-610.  
*1957,*

Sci- Physics  
Dec 57

Consultants Bureau

53, 973

The Nucleotide Composition and Ribonucleic and  
Deoxyribonucleic Acid Content of Some Plant Pollens,  
by E. P. Vanyushin, B. P.as, 5 pp.

RUSSIAN, PDF, Biokhimiya, Vol XXVI, No 6, 1961,  
pp 1939-1939.

CB

Sci

Jul 62

205,228

Research on Acetic Acid Acetate, Pyruvate,  
Lactate and Citrate (rate) in the Blood in  
Chronic Hyperazotemic Renal Insufficiency, by  
E. Faischi, M. Siliprandi, et al. 13 pp.  
ITALIAN JOURNAL OF MEDICAL SCIENCE, Vol. 4,  
No. 44-55.

87

REF ID: A651

scr/ b and m  
au [unclear]

388,640

E. FAISCHI

Angular Distribution in the Photofission of  
Proton by H. Faisser, F. Gorenstein, 21 p.

CEBAU, Berlin, Zeit fur Physik, 1958, Vol CLIII,  
No 3, pp 257-268.

SLA 59-17466

Sect  
Jan 60  
Vol 2, No 8

105542